

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10590079"	US-PGPUB; USPAT	OR	OFF	2009/05/06 15:29
S2	84	((TAKASHI) near2 (GOTO)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/06 15:30
S3	8	((TEIICHI) near2 (KIMURA)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/06 15:30
S4	97	((HAJIME) near2 (SUZUKI)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/06 15:30
S5	4	((KEIICHIRO) near2 (JINUSHI)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/06 15:30
S6	13699	"solid electrolyte"	US-PGPUB; USPAT	OR	OFF	2009/05/06 15:46
S7	1879	"solid electrolyte" and ruthenium	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:00
S8	1631	"solid electrolyte" and ruthenium and carbon	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:01
S9	727	"solid electrolyte" and ruthenium same carbon	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:01
S10	1	"solid electrolyte" and ruthenium same carbon and "interfacial electrical conductivity"	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:02
S11	7	"interfacial electrical conductivity"	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:02
S12	2131	"specific conductivity"	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:06
S13	452	"specific conductivity" and S\$1m	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:06
S14	217	"specific conductivity" and S\$1m and electrolyte	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:06
S15	70	"specific conductivity" and S\$1m and "solid electrolyte"	US-PGPUB; USPAT	OR	OFF	2009/05/06 16:08
S16	0	(2004/0018416).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 08:59
S17	1	("20040018416").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/07 08:59
S18	2	((("20040018416") or ("6471745"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/07 09:00

S19	504	carbon same ((ruthenium or Ru) with (nanometers or nm))	US-PGPUB; USPAT	OR	OFF	2009/05/07 09:34
S20	2463	(ruthenium or Ru) and "solid electrolyte"	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:28
S21	2113	(ruthenium or Ru) and "solid electrolyte" and carbon	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:28
S22	928	((ruthenium or Ru) same carbon) and "solid electrolyte"	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:28
S23	111	((ruthenium or Ru) same carbon) same "solid electrolyte"	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:29
S24	103	((ruthenium or Ru) same carbon) and "solid electrolyte" and "204". clas.	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:30
S25	133	((ruthenium or Ru) same carbon) and "solid electrolyte" and ("204". clas. or "205". clas.)	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:30
S26	0	((Futagawa) near2 (masatoshi)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/07 11:17
S27	12	((so) near2 (SUZUKI)). INV.	US-PGPUB; USPAT	OR	OFF	2009/05/07 11:18
S28	11	((yamada) near2 (michio)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/07 11:19
S29	42	((ruthenium or Ru) same carbon) and "solid electrolyte" and "gas sensor"	US-PGPUB; USPAT	OR	OFF	2009/05/07 11:21
S30	2650	(ruthenium or Ru) and mocvd	US-PGPUB; USPAT	OR	OFF	2009/05/07 13:18
S31	2650	(ruthenium or Ru or "ruthenium oxide") and mocvd	US-PGPUB; USPAT	OR	OFF	2009/05/07 13:19
S32	2650	(ruthenium or Ru) and mocvd	US-PGPUB; USPAT	OR	OFF	2009/05/07 13:19
S33	2232	(ruthenium or Ru) and mocvd and electrode	US-PGPUB; USPAT	OR	OFF	2009/05/07 13:19
S34	721	(ruthenium or Ru) and mocvd and electrode and carbon	US-PGPUB; USPAT	OR	OFF	2009/05/07 13:20
S35	82	(ruthenium or Ru) and mocvd and electrode and carbon with amorphous	US-PGPUB; USPAT	OR	OFF	2009/05/07 13:20

S36	82	(ruthenium or Ru) and mocvd and electrode and (carbon with amorphous)	US-PGPUB; USPAT	OR	OFF	2009/05/07 13:20
S37	1072	204/424.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:31
S38	433	204/424.ccls. and carbon	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:31
S39	101	204/424.ccls. and carbon and (ruthenium or ru)	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:32
S40	66	204/424.ccls. and (carbon and (ruthenium or ru) same electrode)	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:40
S41	14	204/424.ccls. and (carbon same (ruthenium or ru) same electrode)	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:40
S42	18101	(ruthenium or ru) same (Ir or iridium) and electrode	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:45
S43	6938	(ruthenium or ru) same (Ir or iridium) same electrode	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:45
S44	6103	(ruthenium or ru) same (Ir or iridium) same electrode and oxide	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:45
S45	3196	(ruthenium or ru) same (Ir or iridium) same electrode same oxide	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:46
S46	50	(ruthenium or ru) same (Ir or iridium) same electrode same oxide and "gas sensor"	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:46
S47	50	((ruthenium or ru) same (Ir or iridium) same electrode same oxide) and "gas sensor"	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:46
S48	9	"6515845"	US-PGPUB; USPAT	OR	OFF	2009/05/08 10:46
S49	4127	"particle diameter" and ruthenium	US-PGPUB; USPAT	OR	OFF	2009/05/08 14:07
S50	38	"particle diameter" and ruthenium and MOCVD	US-PGPUB; USPAT	OR	OFF	2009/05/08 14:07
S51	2	"particle diameter" with ruthenium and MOCVD	US-PGPUB; USPAT	OR	OFF	2009/05/08 14:09

S52	124	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same (carbon or graphite)	US-PGPUB; USPAT	OR	ON	2009/11/10 13:24
S53	25	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same (carbon or graphite) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2009/11/10 13:24
S54	35	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same (carbon or graphite) and @py<"2006"	US-PGPUB; USPAT	OR	ON	2009/11/10 13:25
S55	11	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same (carbon or graphite) and @py<"2006" and \$2CVD	US-PGPUB; USPAT	OR	ON	2009/11/10 13:55

S56	13	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same2 (carbon or graphite) and @py<"2006" and \$2CVD	US-PGPUB; USPAT	OR	ON	2009/11/10 13:56
S57	13	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same2 (carbon or graphite) and @py<"2006" and \$2CVD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/10 13:56
S58	0	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same2 (carbon or graphite) and @py<"2006" and "\$2CVD"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/10 13:57
S59	13	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nanoparticle or nanocluster or nano\$1cluster or nanocluster or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) same2 (carbon or graphite) and @py<"2006" and \$2"CVD"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/10 13:57

S60	13	(ruthenium or Ru) near5 (nanoparticle or nano \$1particle or nano- particle or nanocluster or nano\$1cluster or nano- cluster or ((particle or grain or cluster) near5 (nanometer or nm or nano \$1meter or \$4"nm"))) same2 (carbon or graphite) and @py<"2006" and (\$2"CVD" or MOCVD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/10 14:02
S61	87	(ruthenium or Ru) near5 (nanoparticle or nano \$1particle or nano- particle or nanocluster or nano\$1cluster or nano- cluster or ((particle or grain or cluster) near5 (nanometer or nm or nano \$1meter or \$4"nm"))) and (\$2"CVD" or MOCVD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/10 14:02
S62	29	(ruthenium or Ru) near5 (nanoparticle or nano \$1particle or nano- particle or nanocluster or nano\$1cluster or nano- cluster or ((particle or grain or cluster) near5 (nanometer or nm or nano \$1meter or \$4"nm"))) and (\$2"CVD" or MOCVD) and @py<"2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/10 14:02
S63	1	(ruthenium or Ru) near5 (nanoparticle or nano \$1particle or nano- particle or nanocluster or nano\$1cluster or nano- cluster or ((particle or grain or cluster) near5 (nanometer or nm or nano \$1meter or \$4"nm"))) and (\$2"CVD" or MOCVD)	EPO; JPO; DERWENT	OR	ON	2009/11/10 14:13

S64	5	(ruthenium or Ru) near5 (nanoparticle or nano\$1particle or nano-particle or nanocluster or nano\$1cluster or nanocluster or nanometer or nm or nano\$1meter or \$4"nm" or ((particle or grain or cluster) near5 (nanometer or nm or nano\$1meter or \$4"nm"))) and (\$2"CVD" or MOCVD)	EPO; JPO; DERWENT	OR	ON	2009/11/10 14:14
S65	794	((TAKASHI) near2 (GOTO)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/10 15:46
S66	54	((TEIICHI) near2 (KIMURA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/10 15:47
S67	1165	((HAJIME) near2 (SUZUKI)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/10 15:47
S68	10	((KEIICHIRO) near2 (JINUSHI)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/10 15:47
S69	0	(S65 or S66 or S67 or S68) and (ruthenium or iridium)	US-PGPUB; USPAT	OR	ON	2009/11/10 15:52
S70	10	(S65 or S66 or S67 or S68) and (ruthenium or iridium)	EPO; JPO; DERWENT	OR	ON	2009/11/10 15:52
S71	1	(S65 or S66 or S67 or S68) and (mocvd)	EPO; JPO; DERWENT	OR	ON	2009/11/10 15:57
S72	153	(ruthenium or Ru) same (carbon or graphite) same (MOCVD or CVD) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2009/11/10 16:31
S73	134	(ruthenium or Ru) same (carbon or graphite) same (MOCVD or CVD) and @py<"2005" and oxygen	US-PGPUB; USPAT	OR	ON	2009/11/10 16:32
S74	31	("4927670"   "4992305"   "5130172"   "5352488"   "5403620"   "5962716"   "6002036"   "6063705"   "6207232"   "6380080"). PN. OR ("6605735"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/11 12:01
S75	1219	((ruthenium or ru or platinum or pt or iridium) near5 (particle or grain or cluster)) and (carbon or graphite) and CVD and py<"2004"	US-PGPUB; USPAT	OR	ON	2009/11/16 10:49

S76	147	((ruthenium or ru or platinum or pt or iridium) near5 (particle or grain or cluster) near5 (nanomet\$ or nm or \$4nm)) and (carbon or graphite) and CVD and py<"2004"	US-PGPUB; USPAT	OR	ON	2009/11/16 10:50
S77	36	((ruthenium or ru or platinum or pt or iridium) near5 (particle or grain or cluster) near5 (nanomet\$ or nm or \$4nm)) and (carbon or graphite) and CVD and @py<"2004"	US-PGPUB; USPAT	OR	ON	2009/11/16 10:53
S78	11	"5972079"	US-PGPUB; USPAT	OR	ON	2009/11/16 10:53
S79	38	((ruthenium or ru or platinum or pt or iridium) near5 (particle or grain or cluster) near5 (nanomet\$ or nm or \$4nm)) and (carbon or graphite) and (CVD or \$2CVD) and @py<"2004"	US-PGPUB; USPAT	OR	ON	2009/11/16 10:58
S80	38	((ruthenium or ru or platinum or pt or iridium) near5 (particle or grain or cluster) near5 (nanomet \$3 or nm or \$4nm)) and (carbon or graphite) and (CVD or \$2CVD) and @py<"2004"	US-PGPUB; USPAT	OR	ON	2009/11/16 11:00
S81	0	"09900439"	US-PGPUB; USPAT	OR	ON	2009/11/16 11:22
S82	2	"09/900439"	US-PGPUB; USPAT	OR	ON	2009/11/16 11:22
S83	13	("5249554"   "5277996"   "5427827"   "5653812"   "6015597"   "6046758"   "6054331"   "6200675"   "6468642").PN. OR ("6669996").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 11:22
S84	2	10/169,879	US-PGPUB; USPAT	OR	OFF	2009/11/17 14:18
S85	50	gruen.in. and carbon	US-PGPUB; USPAT	OR	ON	2009/11/17 14:28
S86	0	gruen.in. and carbon and nonporous	US-PGPUB; USPAT	OR	ON	2009/11/17 14:29
S87	2	gruen.in. and carbon and non\$1porous	US-PGPUB; USPAT	OR	ON	2009/11/17 14:29

S88	671	"solid electrolyte" and iridium and ruthenium and (catalyst or catalytic) and electrode	US-PGPUB; USPAT	OR	ON	2009/11/17 15:15
S89	293	"solid electrolyte" and iridium and ruthenium and (catalyst or catalytic) and electrode and @py<"2004"	US-PGPUB; USPAT	OR	ON	2009/11/17 15:15
S90	231	"solid electrolyte" and iridium and ruthenium and (catalyst or catalytic) and electrode and @py<"2003"	US-PGPUB; USPAT	OR	ON	2009/11/17 15:16
S91	12	"solid electrolyte" and ((iridium and ruthenium) with particle) and (catalyst or catalytic) and electrode and @py<"2003"	US-PGPUB; USPAT	OR	ON	2009/11/17 15:16
S92	4	"solid electrolyte" and (((iridium and ruthenium) with particle) same electrode) and (catalyst or catalytic) and electrode and @py<"2003"	US-PGPUB; USPAT	OR	ON	2009/11/17 15:46
S93	4	"solid electrolyte" and (((iridium and ruthenium) with particle) same electrode) and (catalyst or catalytic) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2009/11/17 15:46
S94	4	"solid electrolyte" and (((iridium and ruthenium) with particle) same electrode) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2009/11/17 15:46
S95	184	"solid electrolyte" and ((iridium and ruthenium) same electrode) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2009/11/17 15:47
S96	117	"solid electrolyte" and ((iridium and ruthenium) same electrode) and @py<"2003" and ("204". clas. or "205". clas.)	US-PGPUB; USPAT	OR	ON	2009/11/17 15:47
S97	39	"solid electrolyte" and ((iridium and ruthenium) same electrode) and @py<"2003" and ("429". clas.)	US-PGPUB; USPAT	OR	ON	2009/11/17 15:53

S98	24	"solid electrolyte" and ((iridium and ruthenium) with electrode) and @py< "2003" and ("429". clas.)	US-PGPUB; USPAT	OR	ON	2009/11/17 15:53
S99	20	"solid electrolyte" and ((iridium and ruthenium) with electrode) and @py< "2003" and ("429". clas.) and (catalyst or catalytic)	US-PGPUB; USPAT	OR	ON	2009/11/17 15:55
S100	5	"solid electrolyte" same zirconia and ((iridium and ruthenium) with electrode) and @py< "2003" and ("429". clas.) and (catalyst or catalytic)	US-PGPUB; USPAT	OR	ON	2009/11/17 16:04
S101	5	"6669996"	US-PGPUB; USPAT	OR	OFF	2009/11/18 10:52

**EAST Search History (I nterference)**

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